

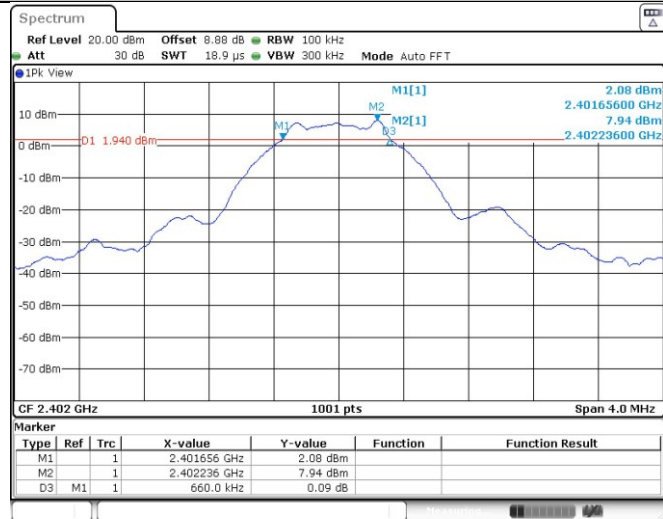
Appendix A: DTS Bandwidth

Test Result

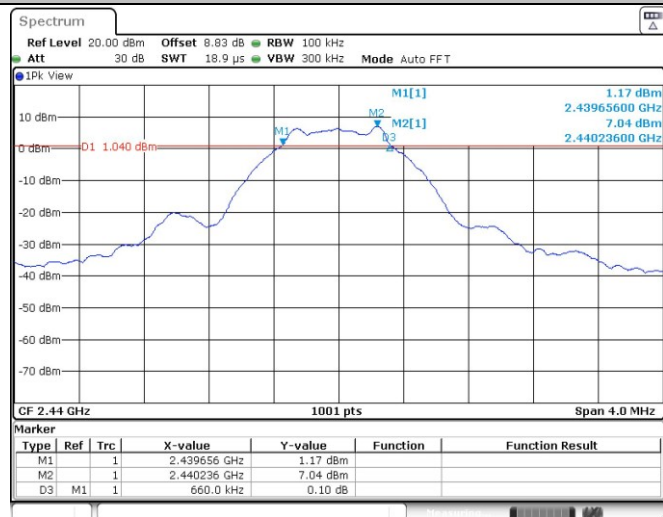
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.66	2402.32	≥0.5	PASS
		2440	0.66	2439.66	2440.32	≥0.5	PASS
		2480	0.66	2479.66	2480.32	≥0.5	PASS
BLE_2M	Ant1	2402	1.23	2401.34	2402.57	≥0.5	PASS
		2440	1.24	2439.34	2440.57	≥0.5	PASS
		2480	1.23	2479.34	2480.57	≥0.5	PASS

Test Graphs

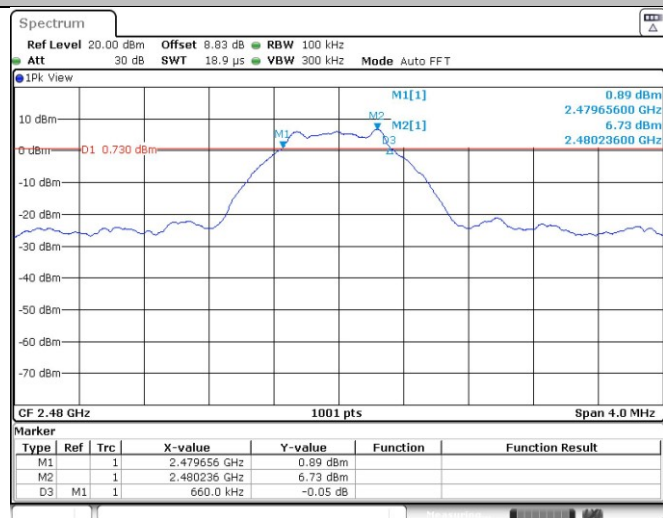
BLE_1M_Ant1_2402



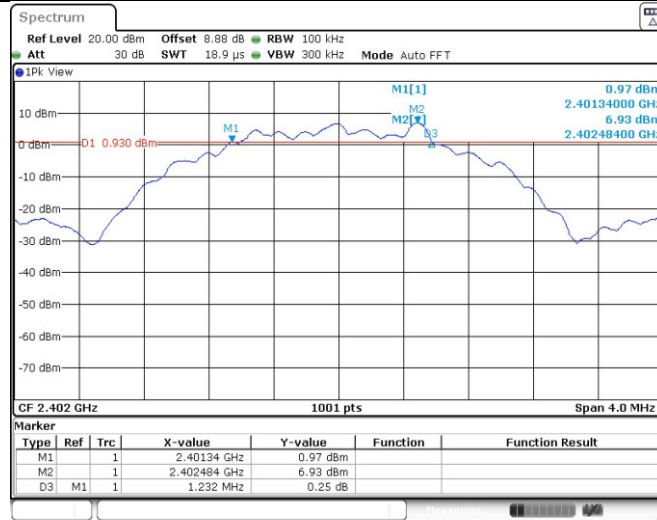
BLE_1M_Ant1_2440



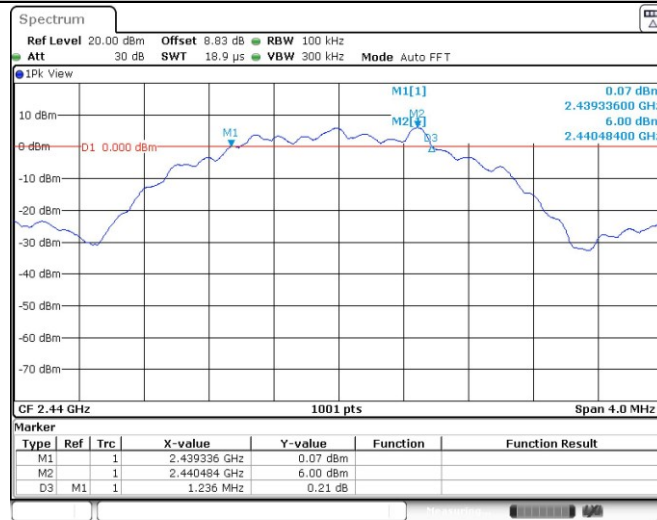
BLE_1M_Ant1_2480



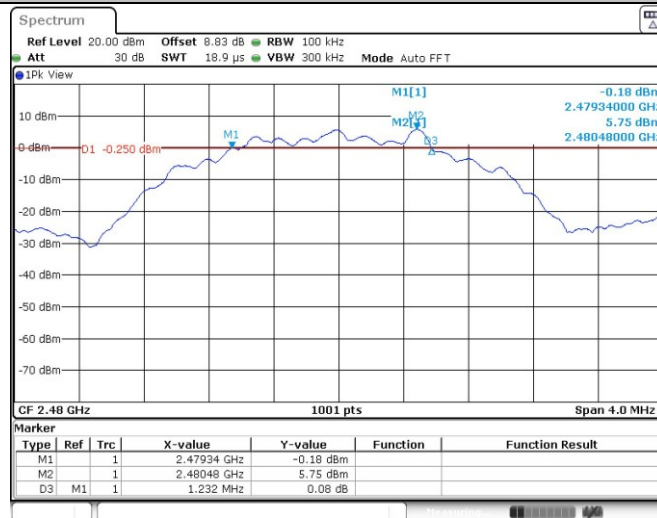
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



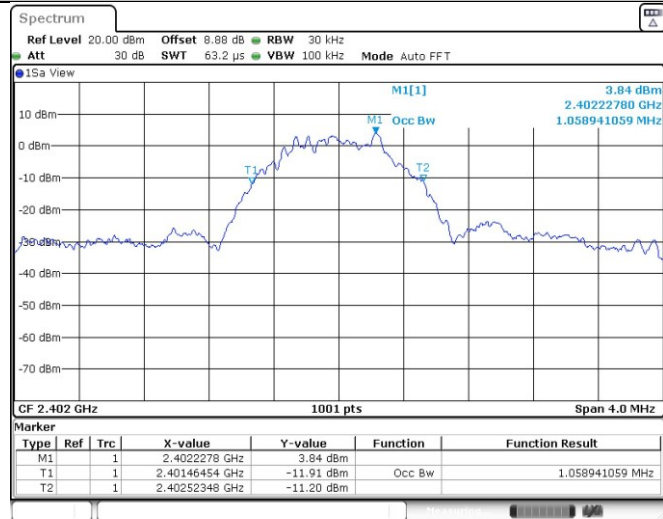
Appendix B: Occupied Channel Bandwidth

Test Result

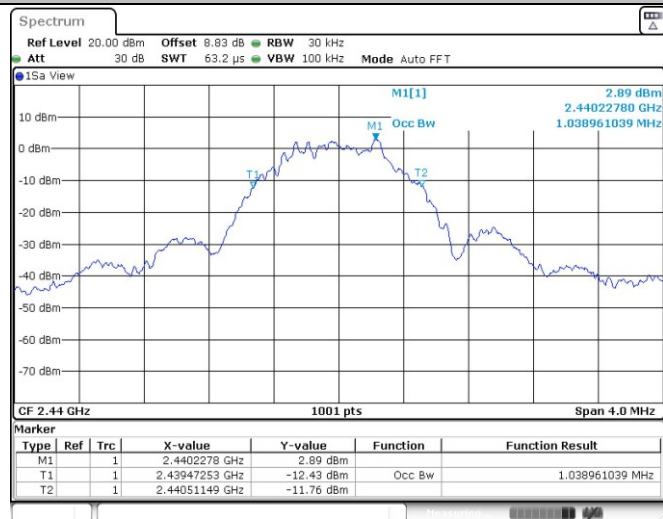
TestMode	Antenna	Channel	OCB [MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.059	---	---
		2440	1.039	---	---
		2480	1.063	---	---
BLE_2M	Ant1	2402	2.094	---	---
		2440	2.086	---	---
		2480	2.102	---	---

Test Graphs

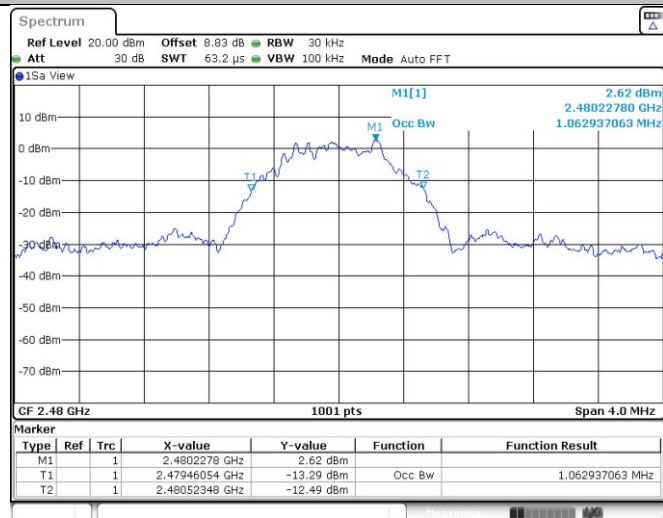
BLE_1M_Ant1_2402



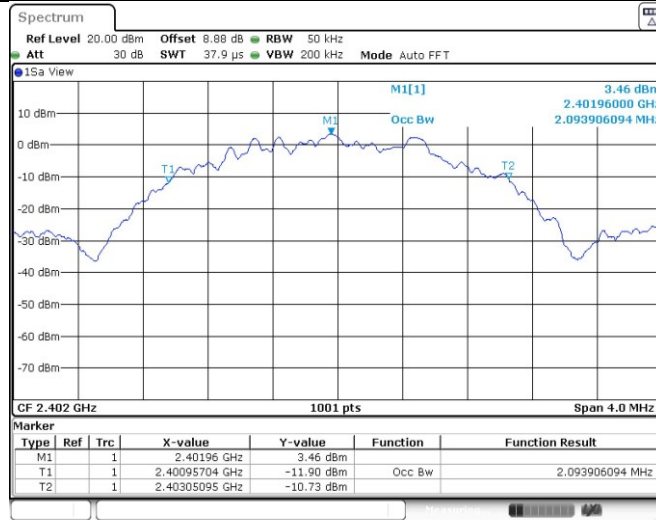
BLE_1M_Ant1_2440



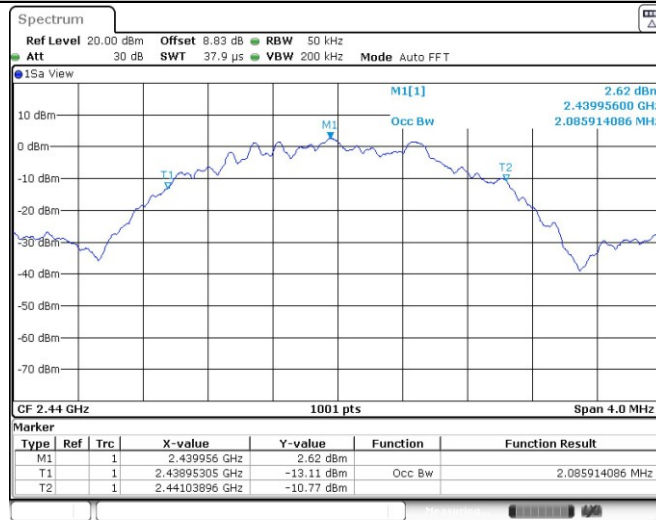
BLE_1M_Ant1_2480



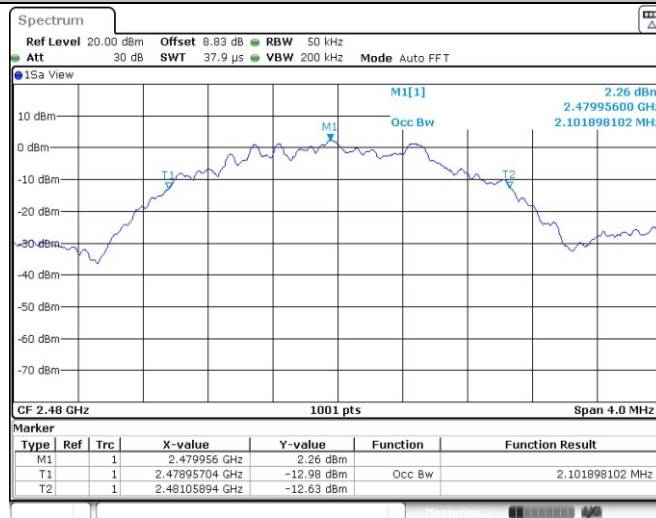
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Channel	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	7.95	≤30	9.65	≤36	PASS
		2440	7.11	≤30	8.81	≤36	PASS
		2480	6.78	≤30	8.48	≤36	PASS
BLE_2M	Ant1	2402	7.96	≤30	9.66	≤36	PASS
		2440	7.12	≤30	8.82	≤36	PASS
		2480	6.79	≤30	8.49	≤36	PASS

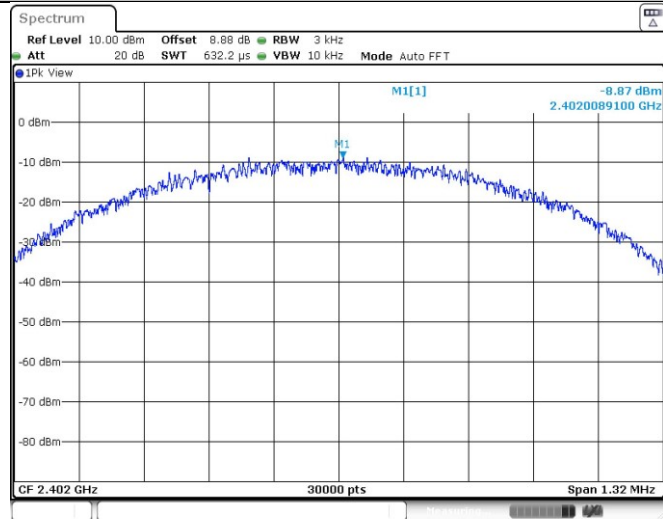
Appendix D: Maximum power spectral density

Test Result

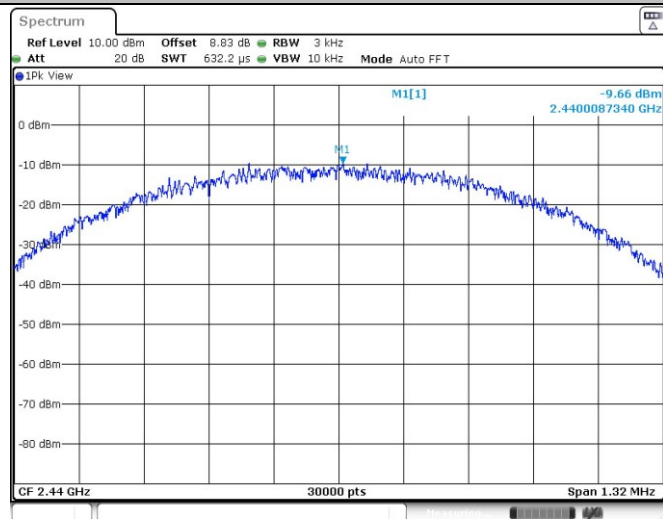
TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.87	≤8.00	PASS
		2440	-9.66	≤8.00	PASS
		2480	-9.88	≤8.00	PASS
BLE_2M	Ant1	2402	-11.67	≤8.00	PASS
		2440	-12.46	≤8.00	PASS
		2480	-12.77	≤8.00	PASS

Test Graphs

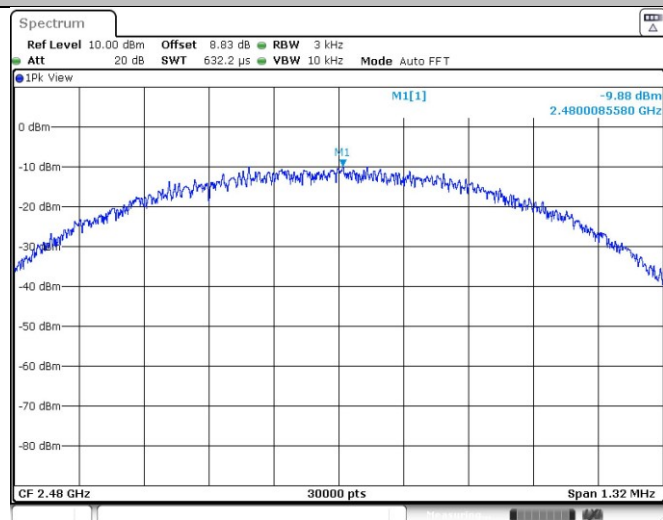
BLE_1M_Ant1_2402



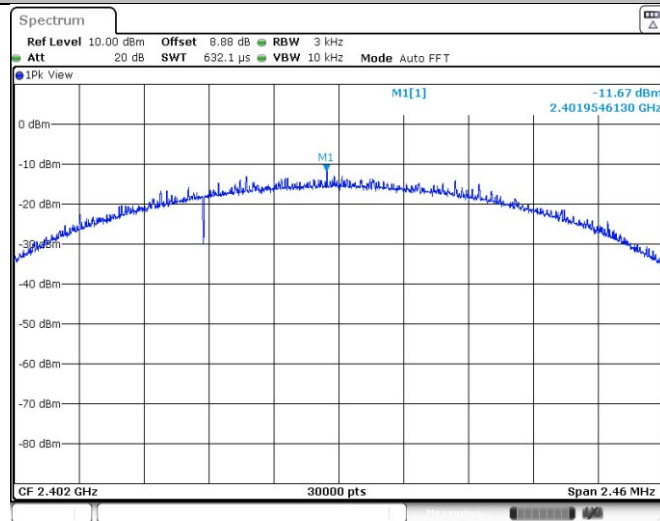
BLE_1M_Ant1_2440



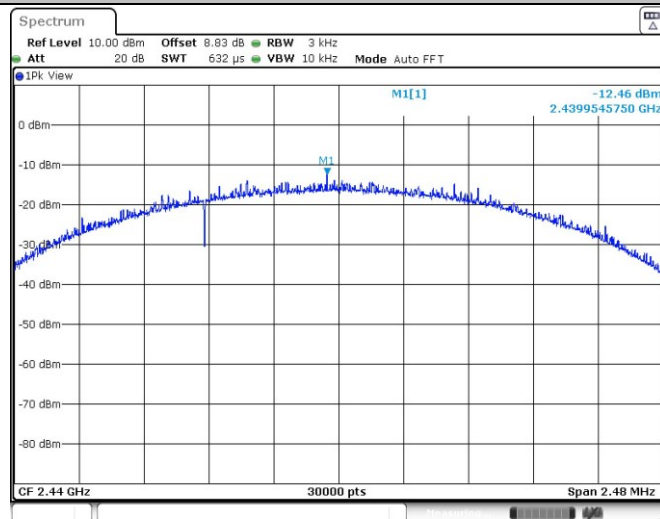
BLE_1M_Ant1_2480



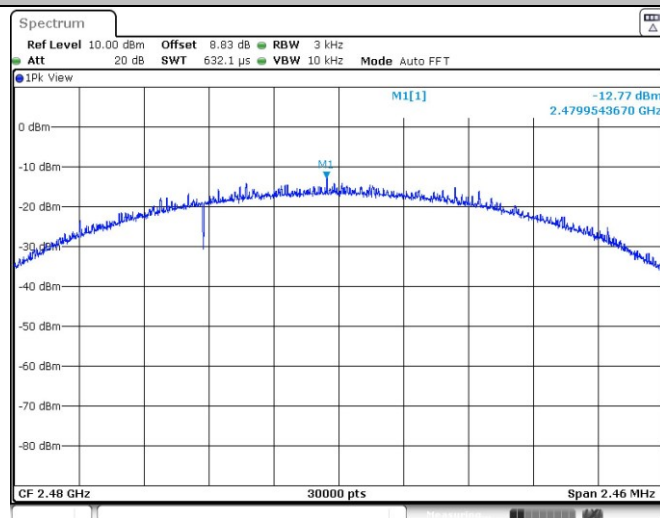
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



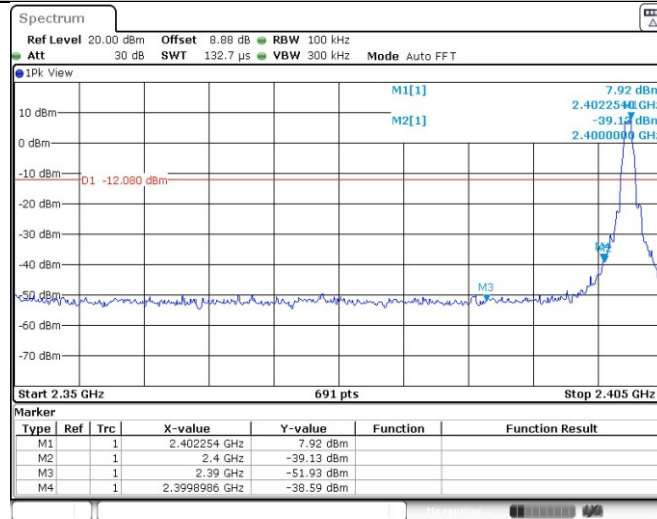
Appendix E: Band edge measurements

Test Result

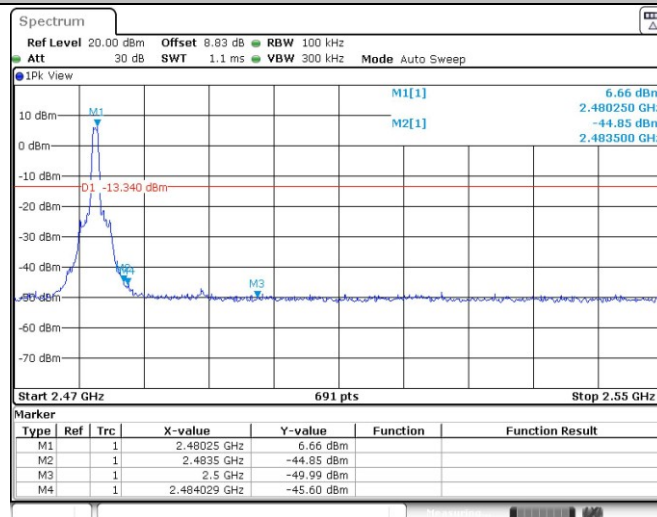
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	7.92	-38.59	≤-12.08	PASS
		High	2480	6.66	-45.6	≤-13.34	PASS
BLE_2M	Ant1	Low	2402	6.71	-23.72	≤-13.29	PASS
		High	2480	5.77	-44.73	≤-14.23	PASS

Test Graphs

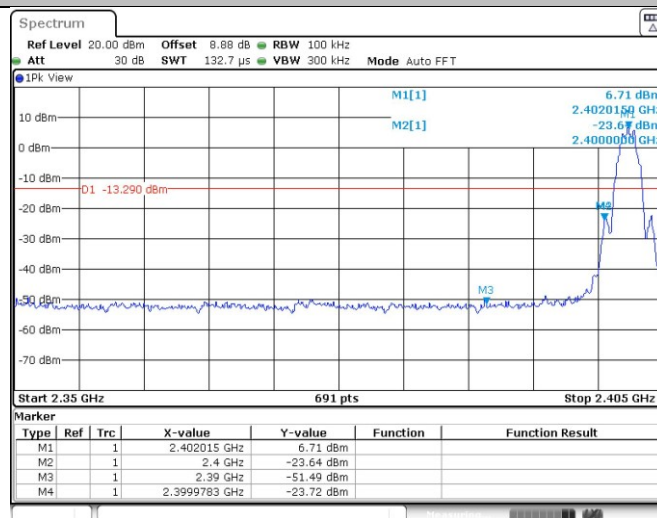
BLE_1M_Ant1_Low_2402



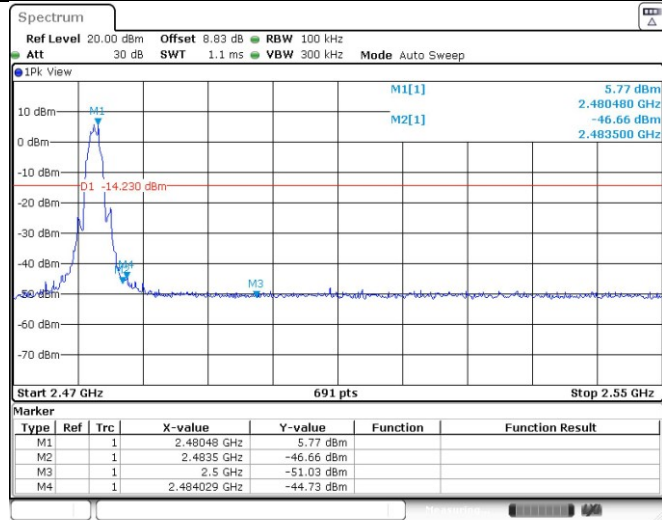
BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



BLE_2M_Ant1_High_2480



Appendix F: Conducted Spurious Emission

Test Result

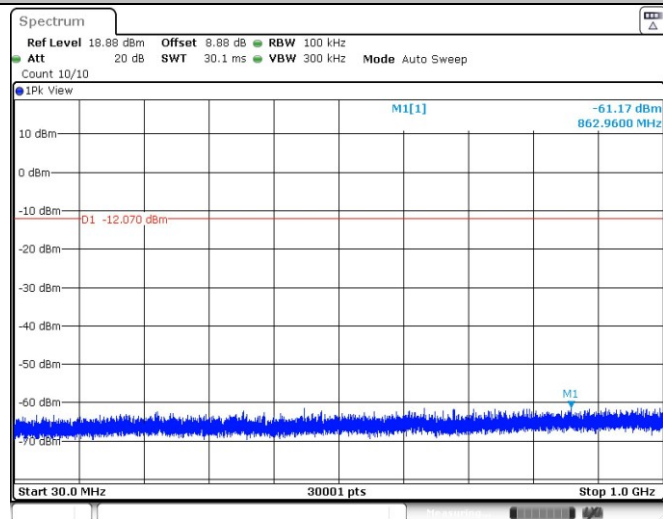
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	7.93	7.93	---	PASS
			30~1000	7.93	-61.17	≤-12.07	PASS
			1000~26500	7.93	-45.24	≤-12.07	PASS
		2440	Reference	7.03	7.03	---	PASS
			30~1000	7.03	-60.35	≤-12.97	PASS
			1000~26500	7.03	-46.68	≤-12.97	PASS
		2480	Reference	6.73	6.73	---	PASS
			30~1000	6.73	-60.6	≤-13.27	PASS
			1000~26500	6.73	-45.89	≤-13.27	PASS
BLE_2M	Ant1	2402	Reference	6.88	6.88	---	PASS
			30~1000	6.88	-60.63	≤-13.12	PASS
			1000~26500	6.88	-46.28	≤-13.12	PASS
		2440	Reference	6.00	6.00	---	PASS
			30~1000	6.00	-60.38	≤-14	PASS
			1000~26500	6.00	-47.84	≤-14	PASS
		2480	Reference	5.73	5.73	---	PASS
			30~1000	5.73	-61.12	≤-14.27	PASS
			1000~26500	5.73	-46.6	≤-14.27	PASS

Test Graphs

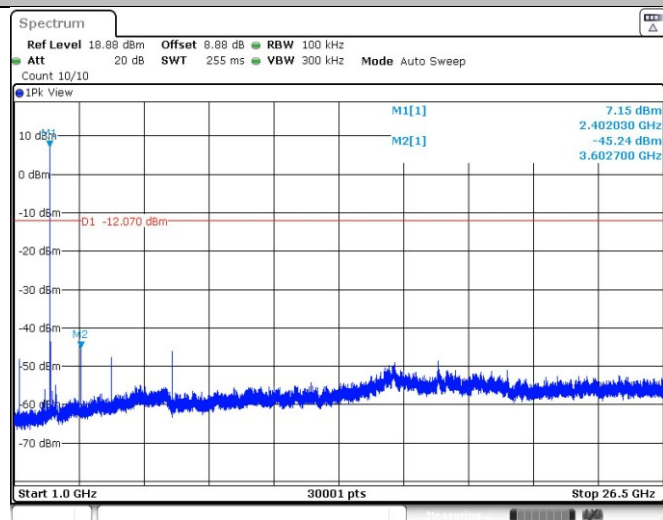
BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



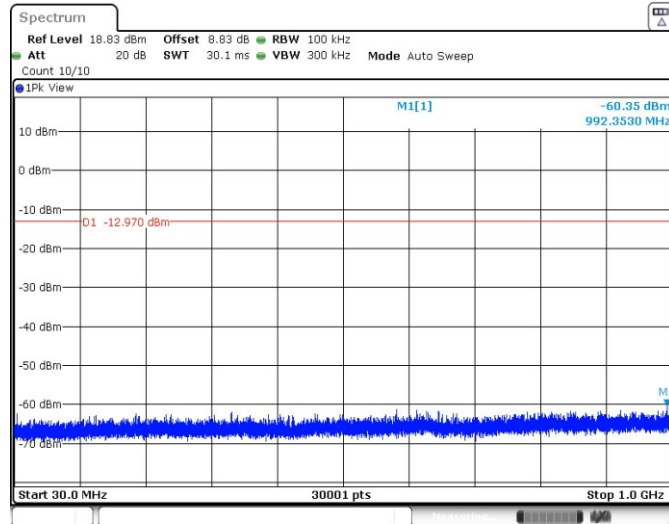
BLE_1M_Ant1_2402_1000~26500



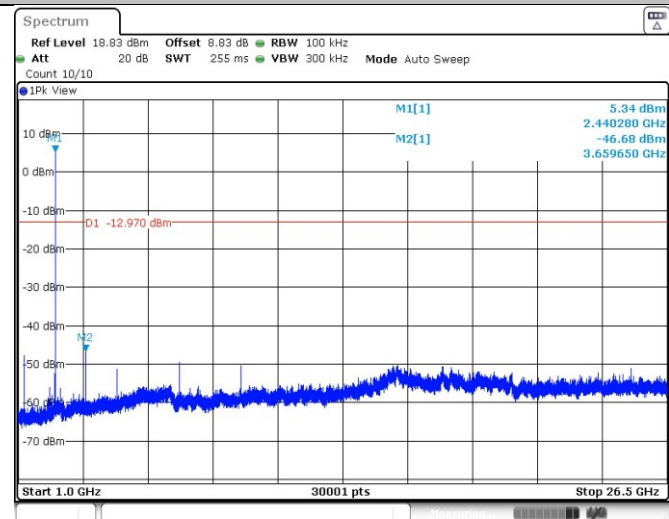
BLE_1M_Ant1_2440_0~Reference



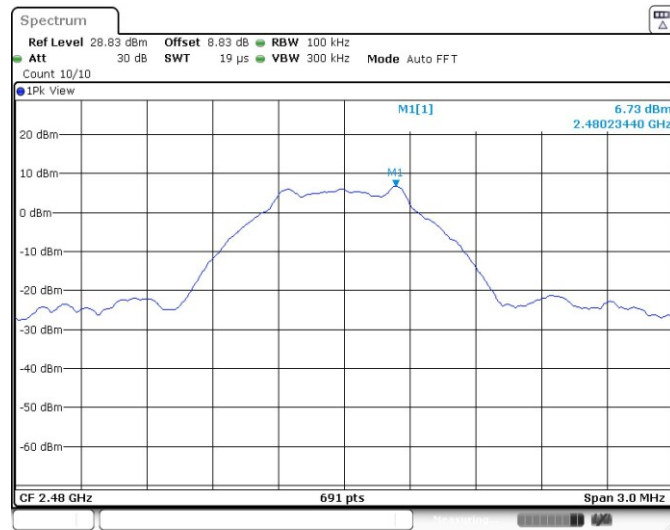
BLE_1M_Ant1_2440_30~1000



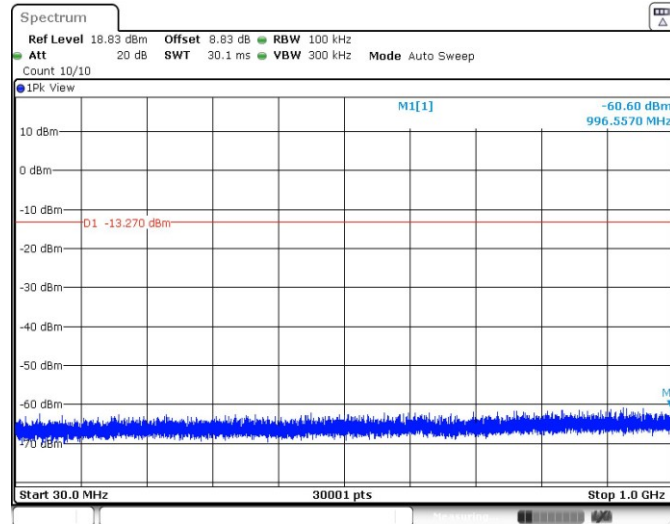
BLE_1M_Ant1_2440_1000~26500



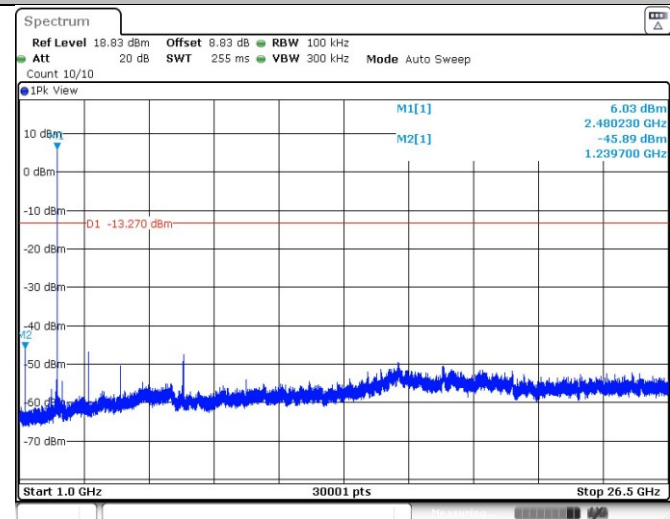
BLE_1M_Ant1_2480_0~Reference



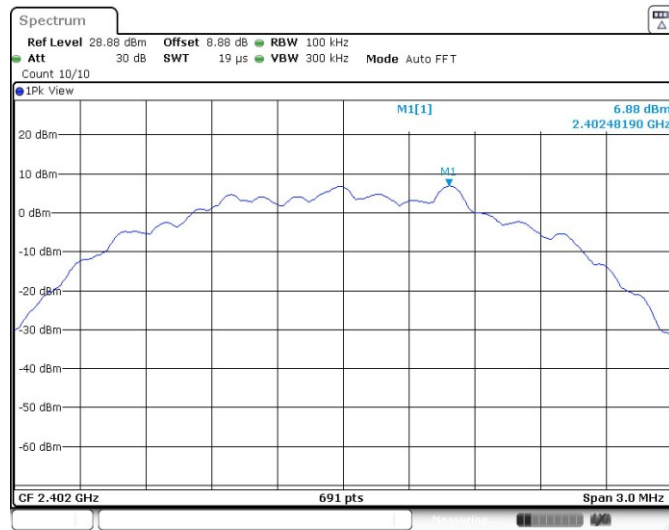
BLE_1M_Ant1_2480_30~1000



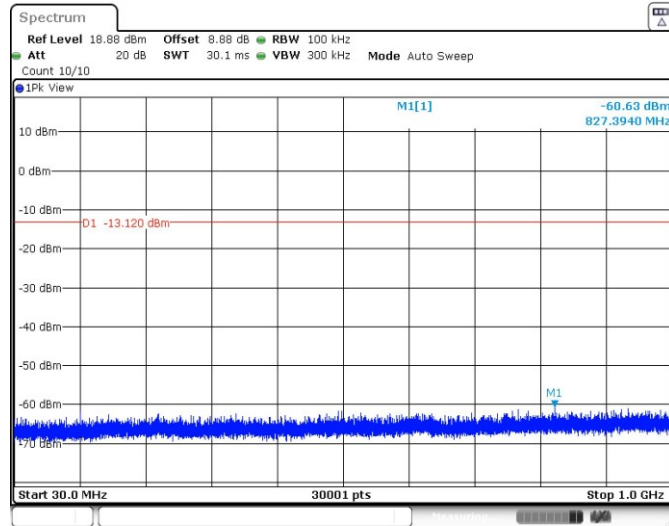
BLE_1M_Ant1_2480_1000~26500



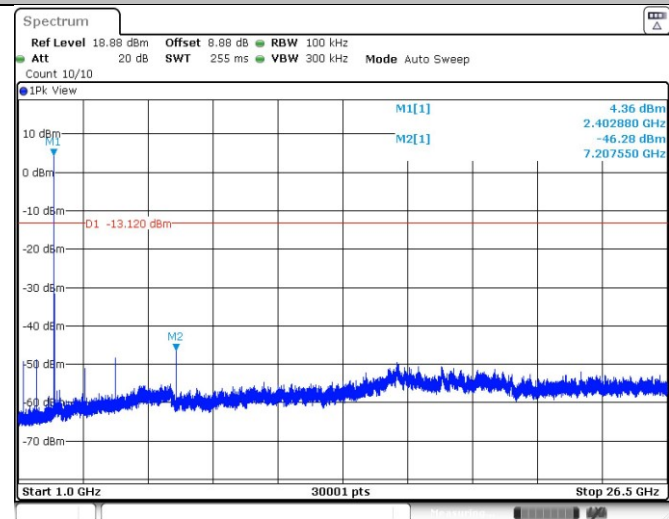
BLE_2M_Ant1_2402_0~Reference



BLE_2M_Ant1_2402_30~1000



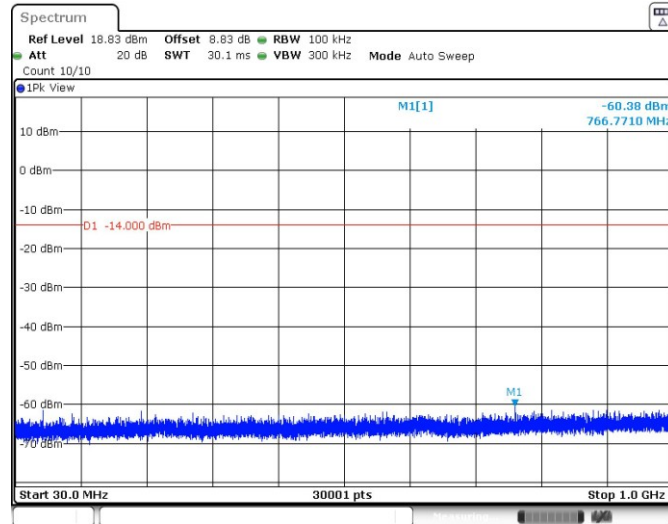
BLE_2M_Ant1_2402_1000~26500



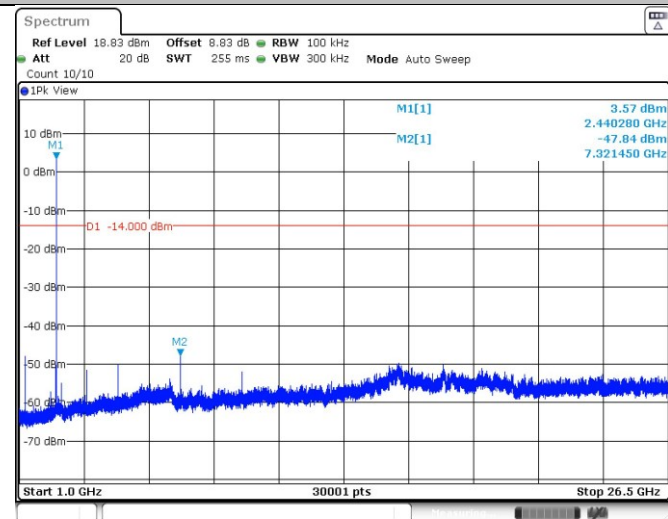
BLE_2M_Ant1_2440_0~Reference



BLE_2M_Ant1_2440_30~1000



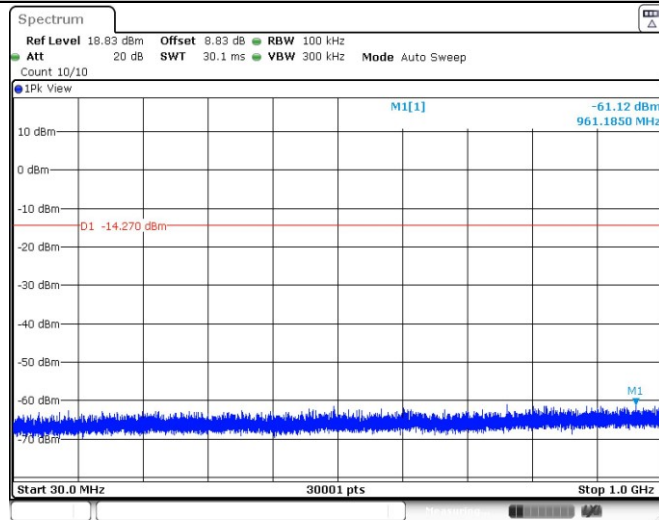
BLE_2M_Ant1_2440_1000~26500



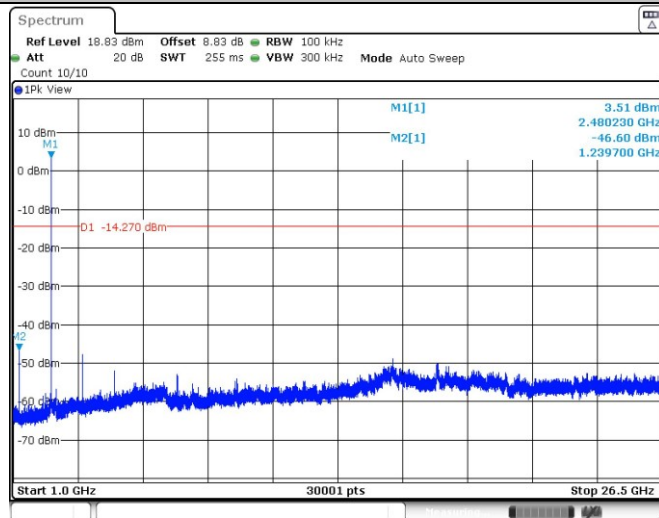
BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500



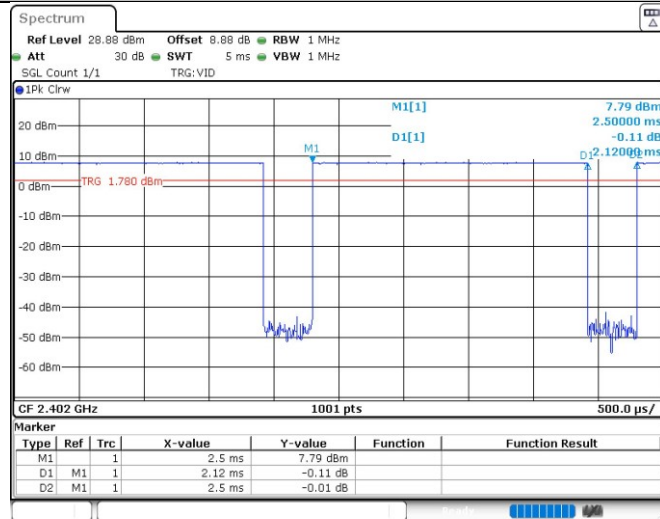
Appendix G: Duty Cycle

Test Result

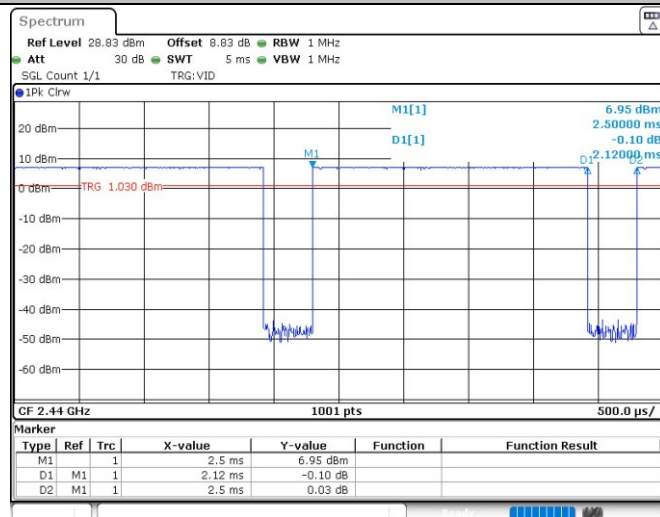
TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	2.12	2.50	0.8480	84.80	0.72	---	---
		2440	2.12	2.50	0.8480	84.80	0.72	---	---
		2480	2.12	2.50	0.8480	84.80	0.72	---	---
BLE_2M	Ant1	2402	1.07	1.88	0.5691	56.91	2.45	---	---
		2440	1.07	1.88	0.5691	56.91	2.45	---	---
		2480	1.07	1.88	0.5691	56.91	2.45	---	---

Test Graphs

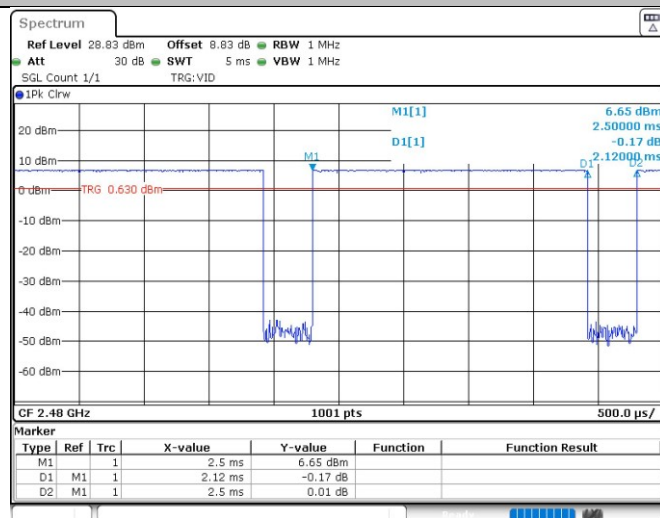
BLE_1M_Ant1_2402



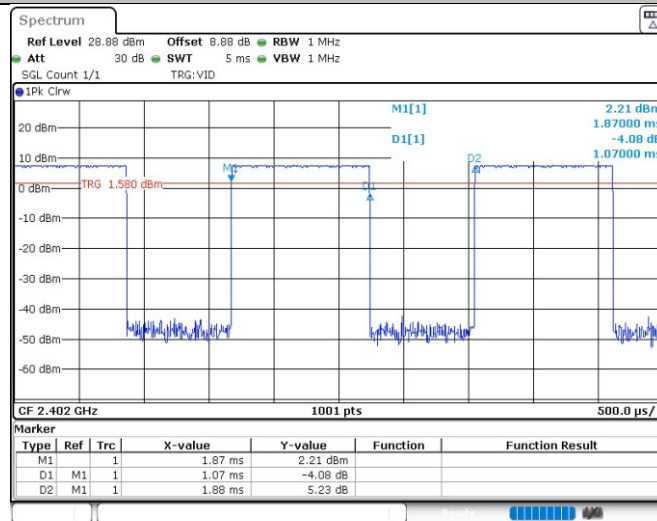
BLE_1M_Ant1_2440



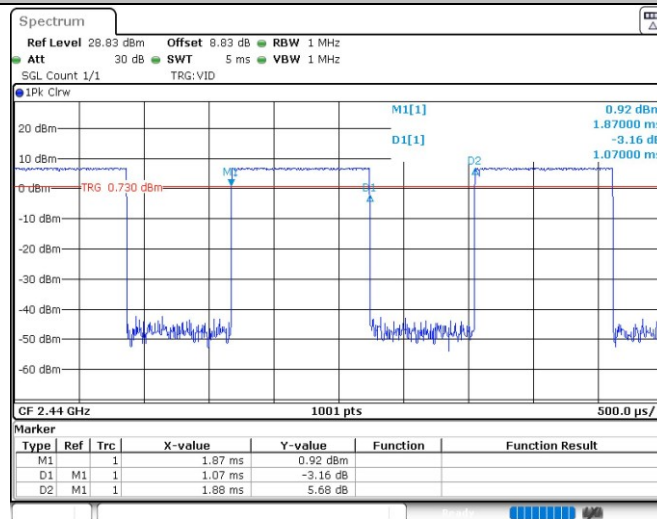
BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

